



COMPARISON MATRIX

Our Data Centres At a glance

Six Degrees is a leading provider of converged hosting and managed services. We specialise in delivering application performance management, monitoring, reporting and security, all deployed on hybrid public/private cloud platforms of innovation. Everything Six Degrees does is underpinned by our own data centres, data network and voice switching infrastructure.



Facts about our Data Centres

In the handy table below we've listed our data centres' attributes in order for you to compare our sites. Whether it's security and industry-leading certifications that are a priority or it's connectivity availability and site specifications that matter the most to you, see which of our data centres best suits your needs.

	Birmingham Central	Studley	London
Facility	<ul style="list-style-type: none">• Single storey 5,800 m² (over 62,000 ft²) purpose built facility• Constructed in 2015• Two (2) data halls with 1,000 m² (~10,800 ft²) technical white space each, a total of 2000 m²• 5 metre slab to slab height• Floor loading 12kN/m² (UDL - Uniform Distributed Load)	<ul style="list-style-type: none">• Two storey 1,700 m² (over 18,000 ft²) purpose built facility• Constructed in 2008• Three (3) data halls with 930 m² (10,000 ft²) technical whitespace• 4 metre slab to slab height• Floor loading 12kN/ m² (UDL)	<ul style="list-style-type: none">• Single storey 2,275 m² (~25,000 ft²) facility• Constructed in 2008• Three (3) data halls with 1,400 m² (15,000 ft²) technical whitespace• 4 metre slab to slab height• Floor loading 4.5kN/m² (UDL)
Power & Resilience	<ul style="list-style-type: none">• 4.3 MVA delivered by separate diverse 11kV feeders• Average density 1.5kW/m²• Distributed redundant system with separate A&B power feeds per rack• UPS configured as N+1 with minimum ten minute autonomy• Multiple, continuously rated diesel generators configured as N+1• PUE <1.3• Minimum 48 hours of fuel located on-site	<ul style="list-style-type: none">• 2 MVA delivered by separate diverse 11kV feeders• Average density 1kW/m²• 2N system with separate A&B power feeds per rack• UPS configured as 2N with minimum eight minute autonomy• Multiple, continuously rated diesel generators configured as 2N• PUE 1.4• Minimum 72 hours of fuel located on-site	<ul style="list-style-type: none">• 3 MVA delivered by separate diverse 11kV feeders• Average density 1kW/m²• 2N system with separate A&B power feeds per rack• UPS configured as 2N with minimum eight minute autonomy• Multiple diesel generators configured as N+1• PUE 1.6-1.8• Minimum 24 hours of fuel located on-site
Cooling	<ul style="list-style-type: none">• Indirect adiabatic fresh air system• N+1 redundancy• Maintained to ASHRAE Recommended - TC9.9	<ul style="list-style-type: none">• Water cooled and energy efficient DX backup• 2N Redundancy• Maintained to ASHRAE Recommended - TC9.9	<ul style="list-style-type: none">• Energy efficient DX• N+1 redundancy• Maintained to ASHRAE Recommended - TC9.9

Speak to our experts today on +44 (0)20 7858 4935 or colo@6dg.co.uk or visit www.6dg.co.uk

	Birmingham Central	Studley	London
Fire Protection	<ul style="list-style-type: none"> Highly sensitive smoke detection system (HSSD) Controls in accordance with BS 5839 and BS 6266 Double interlocked gas based fire suppression system 	<ul style="list-style-type: none"> Highly sensitive smoke detection system (HSSD) Controls in accordance with BS 5839 and BS 6266 Double interlocked gas based fire suppression system 	<ul style="list-style-type: none"> Highly sensitive smoke detection system (HSSD) Controls in accordance with BS 5839 and BS 6266 Double interlocked gas based fire suppression system
Monitoring	<ul style="list-style-type: none"> 24 x 7 x 365 management & monitoring of all Cooling, Power and Building Critical Systems 	<ul style="list-style-type: none"> 24 x 7 x 365 management & monitoring of all Cooling, Power and Building Critical Systems 	<ul style="list-style-type: none"> 24 x 7 x 365 management & monitoring of all Cooling, Power and Building Critical Systems
Security & Access Control	<ul style="list-style-type: none"> Full perimeter security including PAS 68 rated access gates and dedicated gate house Three single person anti-tailgating portals Electronic access control including PIN and Biometrics 105 Digital CCTV cameras covering internal and external areas Up to 90 day retention of CCTV Security vetted to BS 7858 standard 	<ul style="list-style-type: none"> Full perimeter security including 2.4 metre fence and dedicated access gate Single person anti-tailgating portal Electronic access control including PIN and Biometrics 42 Digital CCTV cameras covering internal and external areas Up to 90 day retention of CCTV and recorded off-site Security vetted to BS 7858 standard 	<ul style="list-style-type: none"> Full perimeter security including 2.4 metre fence and dedicated access gate Single person anti-tailgating portal Electronic access control including PIN and Biometrics 34 Digital CCTV cameras covering internal and external areas Up to 90 day retention of CCTV and recorded off-site Security vetted to BS 7858 standard
Connectivity	<ul style="list-style-type: none"> Two dedicated meet-me rooms Diverse entry points served by a choice of fibre providers Access to multiple telecommunications providers including: BT, Virgin Media and Zayo Access to Six Degrees' Next Generation Network providing data centre to data centre, internet & MPLS connectivity across the UK, Europe and the US. 	<ul style="list-style-type: none"> Two dedicated meet-me areas Diverse entry points served by a choice of fibre providers Access to multiple telecommunications providers including: BT, Virgin Media and SSE Access to Six Degrees' Next Generation Network providing data centre to data centre, internet & MPLS connectivity across the UK, Europe and the US. 	<ul style="list-style-type: none"> Two dedicated meet-me areas Diverse entry points served by a choice of fibre providers Access to multiple telecommunications providers including: BT, Virgin Media, Colt, Zayo and Cable & Wireless/ Vodafone Access to Six Degrees' Next Generation Network providing data centre to data centre, internet & MPLS connectivity across the UK, Europe and the US.
Certifications	<ul style="list-style-type: none"> PCI DSS ISO 27001 OFFICIAL (IL2/IL3) UTI Tier III aligned 	<ul style="list-style-type: none"> PCI DSS ISO 27001 OFFICIAL (IL2/IL3) UTI Tier III aligned 	<ul style="list-style-type: none"> PCI DSS ISO 27001 OFFICIAL (IL2/IL3) UTI Tier III aligned

Let us help you

If you're looking for a data centre, we've got what you need for your business. In addition, we have a compelling portfolio structured and designed to solve your business infrastructure needs. With incredible support from our passionate in-house experts and engineers alongside an innovative offering to create the solution that you need, we will be happy to help.

Accreditations



Speak to our experts today on +44 (0)20 7858 4935 or colo@6dg.co.uk or visit www.6dg.co.uk